## **CLAIMS**

What is claimed is:

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1. A film comprising:

a biodegradable polymer; and a water soluble polymer,

wherein the film is breathable and has a water vapor transmission rate greater than about 500 g/m²/24hrs.

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2. The film of Claim 1, wherein the biodegradable polymer is an aliphatic polyester.

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3. The film of Claim 1, wherein the biodegradable polymer is selected from the group consisting of polycaprolactone, polybutylene succinate, poly(butylene succinate-adipate), polylactic acid, terpolymers of terephthalic acid, adipic acid, and 1,4-butanediol, and copolymers and mixtures thereof.

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4. The film of Claim 1, wherein the water soluble polymer is selected from the group consisting of polyethylene oxide, polyethylene glycol, polyvinyl alcohol, and copolymers and mixtures thereof.

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5. The film of Claim 1, wherein the water soluble polymer is polyethylene oxide, polyethylene glycol or a copolymer thereof.

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6. The film of Claim 1 having a water vapor transmission rate greater than about  $1000 \text{ g/m}^2/24 \text{hrs}$ .

7. The film of Claim 1 having a water vapor transmission rate greater than about  $1500 \text{ g/m}^2/24 \text{ hrs}$ 

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8. The film of Claim 1, wherein the film includes from about 30% to about 95% biodegradable polymer by weight of the film.

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- 9. The film of Claim 1, wherein the film includes from about 50% to about 75% biodegradable polymer by weight of the film.
- 10. The film of Claim 1, wherein the film includes from about 5% to about 70% water soluble polymer by weight of the film.
- 11. The film of Claim 1, wherein the film includes from about 15% to about 50% water soluble polymer by weight of the film.
- 12. The film of Claim 1 having an elongation at break of greater than about 350%.
- 13. The film of Claim 1 having an elongation at break of greater than about 450%.
- 14. The film of Claim 1 having a thickness of from about 0.01 to about 5 mils.
- 15. The film of Claim 1 having a thickness of from about 0.01 to about 2 mils.
- 16. The film of Claim 1, wherein the biodegradable polymer is polycaprolactone and the water soluble polymer is polyethylene oxide.
- 17. The film of Claim 1, wherein the film is a precursor film.
- 18. The film of Claim 1, wherein the film is biodegradable.
- 19. The film of Claim 18 having a water vapor transmission rate of greater than about 2500 g/m<sup>2</sup>/24hrs.
- 20. The film of Claim 18 having a water vapor transmission rate of greater than about  $3000 \text{ g/m}^2/24\text{hrs}$ .

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- 21. The film of Claim 18 having a water vapor transmission rate of greater than about  $3500 \text{ g/m}^2/24 \text{hrs}$ .
- 22. The film of Claim 18 having an elongation at break of greater than about 100%.
- 23. The film of Claim 18 having an elongation at break of greater than about 200%.
- 24. The film of Claim 18, wherein the film includes from about 1% to about 50% water soluble polymer by weight of the film.
- 25. The film of Claim 18, wherein the film includes from about 5% to about 30% water soluble polymer by weight of the film.
- 26. The film of Claim 18, wherein the film includes from about 50% to about 99% biodegradable polymer by weight of the film.
- 27. The film of Claim 18, wherein the film includes from about 70% to about 95% biodegradable polymer by weight of the film.
- 28. The film of Claim 18 having a thickness of from about 0.01 to about 5 mils.
- The film of Claim 18 having a thickness of from about 0.01 to about 5 mils.